

PTO/SB/97 (09-04)

Approved for use through 07/31/2006, OMB 0851-0031

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10/696,059

KB4645USNA

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

COPY OF PCT INTERNATIONAL SEARCH REPORT

PTO/SB/08A FORM

COPIES OF NON-U.S. CITED REFERENCES (2)

GB 1 586 890 A

EP 1 180 555 A1

CERTIFICATE OF MAILING

Page 1 of 1

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

LARRY JOHN PRICKETT

CASE NO.: **KB4645USNA**

APPLICATION NO.: **10/696,059**

CONFIRMATION NO.: **5869**

GROUP ART UNIT: **3765**

EXAMINER:

FILED: **October 29, 2003**

**FOR: PLY-TWISTED YARNS AND FABRIC HAVING BOTH CUT-RESISTANCE
AND ELASTIC RECOVERY AND PROCESSES FOR MAKING SAME**

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MAR 24 2005

**SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

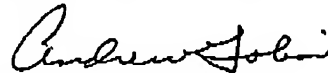
In compliance with 37 C.F.R. §§1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office the information listed on the enclosed PTO/SB/08A form. A copy of the information, if required, is also enclosed. Consideration of the information is requested under 37 C.F.R. § 1.56 and this information is submitted in accord with the provisions of §1.97(b): within three months of filing the national application under 37 C.F.R. §1.53(d), or entry into the national stage under 37 C.F.R. §1.491, or before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action on the merits after filing a Request for Continued Examination under 37 C.F.R. §1.114.

If this Information Disclosure Statement is filed under §1.97(b) but the mailing date hereof is after the mailing of a first Office Action on the merits, the PTO is requested to consider this information accord with the provisions of §1.97(c): after the period specified in §1.97(b) but before the mailing of a Final

Office Action, or a Notice of Allowance, or any other action that closes prosecution; in combination with the certification under subsection (e)(1) below.

I certify that each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

Respectfully submitted,



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Attorney for Applicants
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Facsimile: (302) 892-7343

Dated: March 24 2005
Enclosures

Approved For Use Through 07/31/2006 OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Complete if Known

Application Number	10/696,059
Filing Date	October 29, 2003
First Named Inventor	Larry John Prickett
Art Unit	3765
Examiner Name	.
Attorney Docket Number	KB4645USNA

(Use as many sheets as necessary)

Sheet	1	of	1
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[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.†	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ‡
		Country Code ‡-Number †-Kind Code§ (if known)				
		GB 1 586 890 A	03-25-1981	Byrnes, R. M.		
		EP 1 180 555 A1	02-20-2002	Twaron Products GMBH		

**Earn Her
Signature**

Date	Considered	Remarks
10/1/80	10/1/80	10/1/80
10/2/80	10/2/80	10/2/80
10/3/80	10/3/80	10/3/80
10/4/80	10/4/80	10/4/80
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11/6/80	11/6/80	11/6/80

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference KB4645PCT	FOR FURTHER ACTION		see Form PCT/ISA/220 as well as, where applicable, Item 5 below.
International application No. PCT/US2004/036023	International filing date (day/month/year) 28/10/2004	(Earliest) Priority Date (day/month/year) 29/10/2003	
Applicant E. I. DUPONT DE NEMOURS AND COMPANY			

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the International search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box II).

3. ☐ Unity of invention is lacking (see Box III).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. 1

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

Form PCT/ISA/210 (first sheet) (January 2004)

INTERNATIONAL SEARCH REPORT

NO. 3289 — P. 6/18

International Application No.

PCT/US2004/036023

A. CLASSIFICATION OF SUBJECT MATTER		
IPC 7	D02G3/44	D02G3/04 D02G3/32 D02G3/12 D02G3/28
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
IPC 7 D02G		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the International search (name of data base and, where practical, search terms used)		
EPO-Internal, WPI Data		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/037530 A1 (ZHU REIYAO) 27 February 2003 (2003-02-27) claims 1,2,10	1,6-10, 14,15,17
A	US 4 967 548 A (FANGEAT ET AL) 6 November 1990 (1990-11-06) claims 1,5	1-3,6, 8-15,17, 20
A	GB 1 586 890 A (BYRNES R M) 25 March 1981 (1981-03-25) claim 1	1-3,6, 8-15,17, 20
A	US 2003/074879 A1 (PATRICK GILBERT) 24 April 2003 (2003-04-24) claims 1,2,8	1,3, 8-10,14, 15,17
-/-		
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents: *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art *Z* document member of the same patent family		
Date of the actual completion of the international search		Date of mailing of the international search report
7 February 2005		04/03/2005
Name and mailing address of the ISA European Patent Office, P.B. 5018 Patentlaan 2 NL - 2260 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl Fax: (+31-70) 340-3016		Authorized officer D'Souza, J

Form PCT/ISA/210 (second sheet) (January 2004)

page 1 of 2

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 180 555 A (TEIJIN TWARON GMBH) 20 February 2002 (2002-02-20) claim 1 -----	1,6, 8-10,14, 15,17
A	US 5 319 950 A (WHITT ET AL) 14 June 1994 (1994-06-14) claims 1,2 -----	1,8-10, 14,15,17
A	US 4 121 408 A (MAEDA ET AL) 24 October 1978 (1978-10-24) claim 1 -----	1,8-10, 14,15,17

Form PCT/ISA/210 (continuation of second sheet) (January 2004)

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/036023

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003037530 A1	27-02-2003	BR 0212591 A	13-10-2004
		CA 2455070 A1	27-02-2003
		EP 1419293 A1	19-05-2004
		JP 2004538387 T	24-12-2004
		WO 03016602 A1	27-02-2003
		US 2004088963 A1	13-05-2004
		US 2004205946 A1	21-10-2004
US 4967548 A	06-11-1990	FR 2599762 A1	11-12-1987
		AT 57719 T	15-11-1990
		BR 8707329 A	13-09-1988
		DE 3765758 D1	29-11-1990
		WO 8707656 A1	17-12-1987
		EP 0270610 A1	15-06-1988
		JP 1500601 T	01-03-1989
		US 5141542 A	25-08-1992
GB 1586890 A	25-03-1981	AR 218464 A1	13-06-1980
		AU 499497 B1	26-04-1979
		BR 7706615 A	18-04-1978
		CA 1133654 A1	19-10-1982
		CH 615956 A5	29-02-1980
		DE 2743799 A1	06-04-1978
		ES 462930 A1	16-06-1978
		FR 2366810 A1	05-05-1978
		IT 1088953 B	10-06-1985
		JP 1258497 C	29-03-1985
		JP 53046840 A	26-04-1978
		JP 59028641 B	14-07-1984
		NL 7710860 A , B,	07-04-1978
		SE 422143 B	22-02-1982
		SE 7710973 A	06-04-1978
		SU 1080748 A3	15-03-1984
		US 4384449 A	24-05-1983
US 2003074879 A1	24-04-2003	NONE	
EP 1180555 A	20-02-2002	DE 10040589 C1	06-06-2002
		AT 286162 T	15-01-2005
		DE 50009119 D1	03-02-2005
		EP 1180555 A1	20-02-2002
US 5319950 A	14-06-1994	NONE	
US 4121408 A	24-10-1978	JP 53035052 A	01-04-1978

Form PCT/ISA/210 (patent family annex) (January 2004)